

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

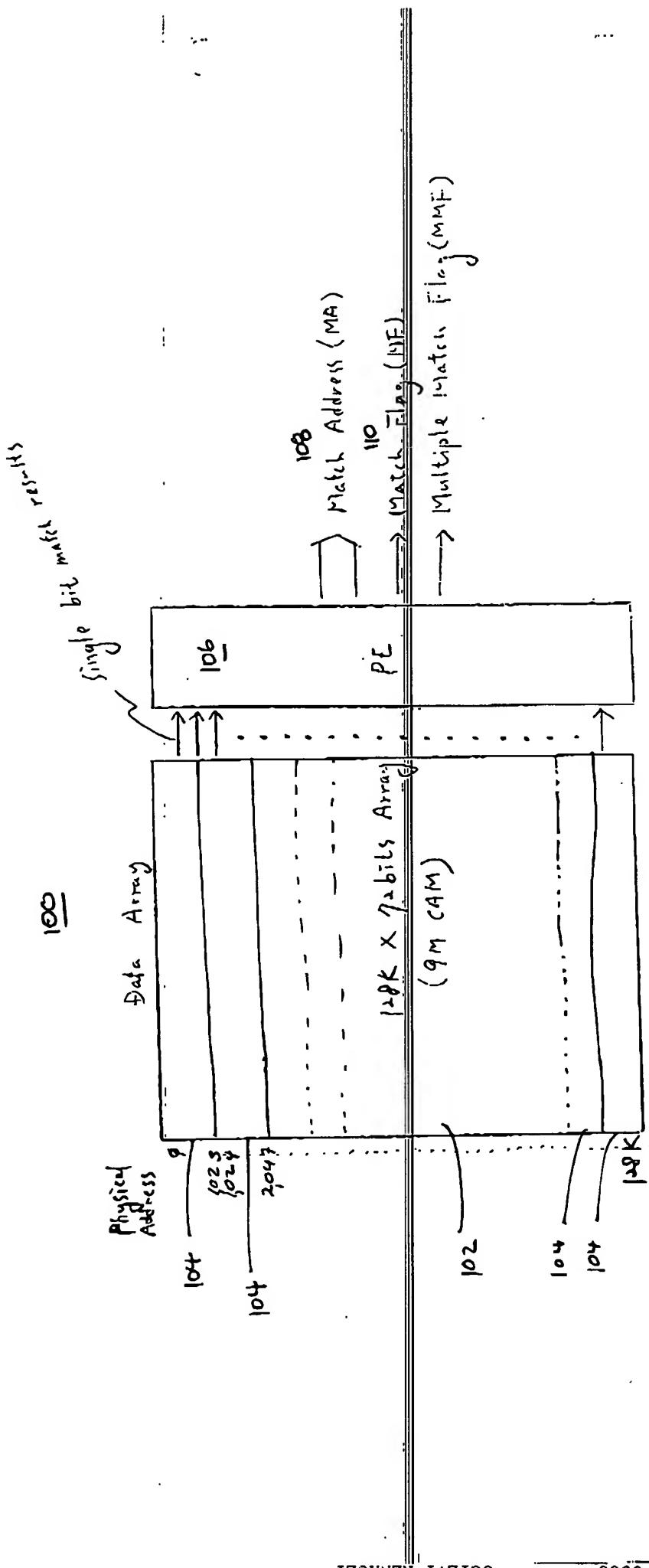
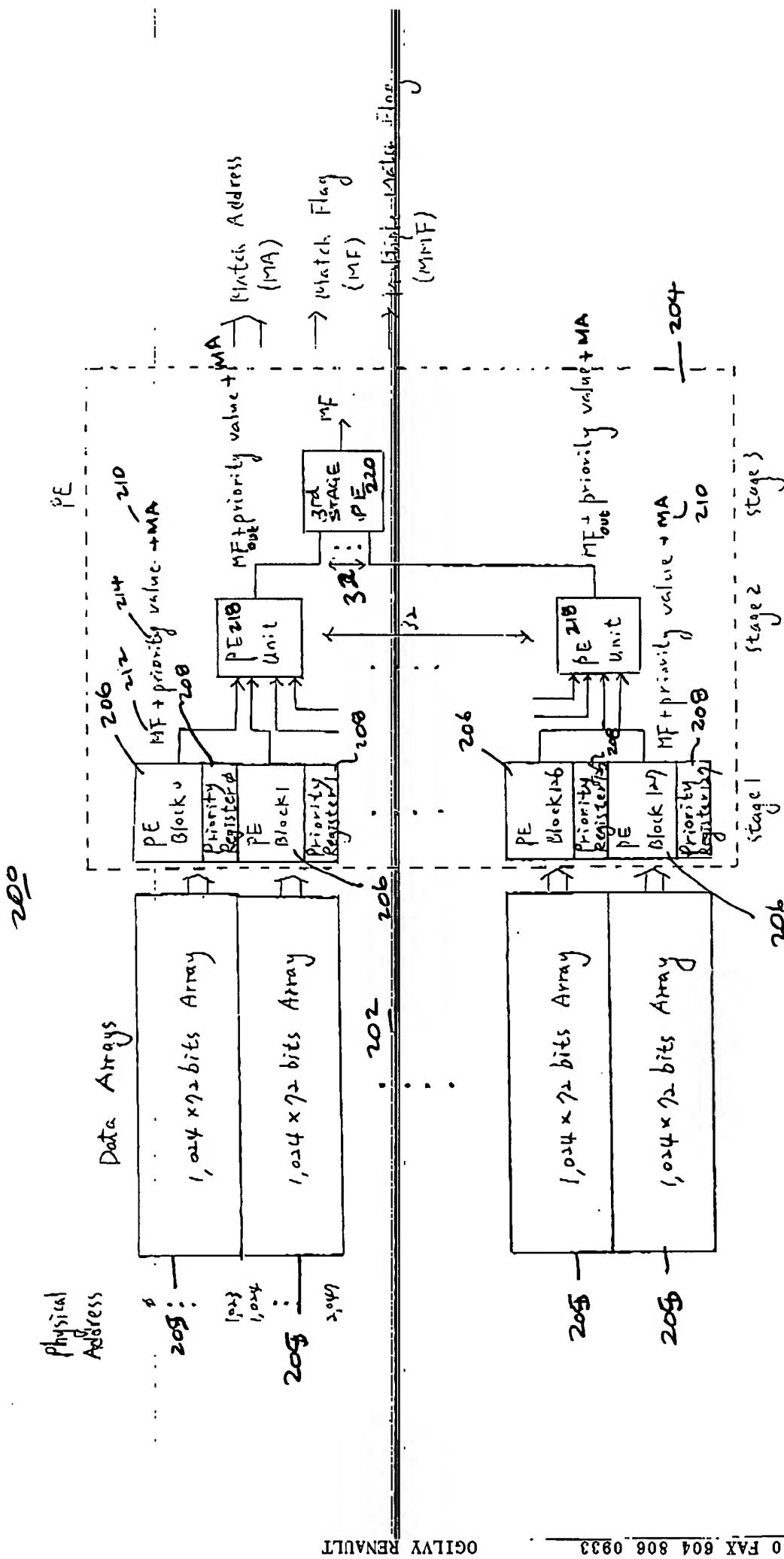


Fig. 1. prior art



< Fig. 2 >

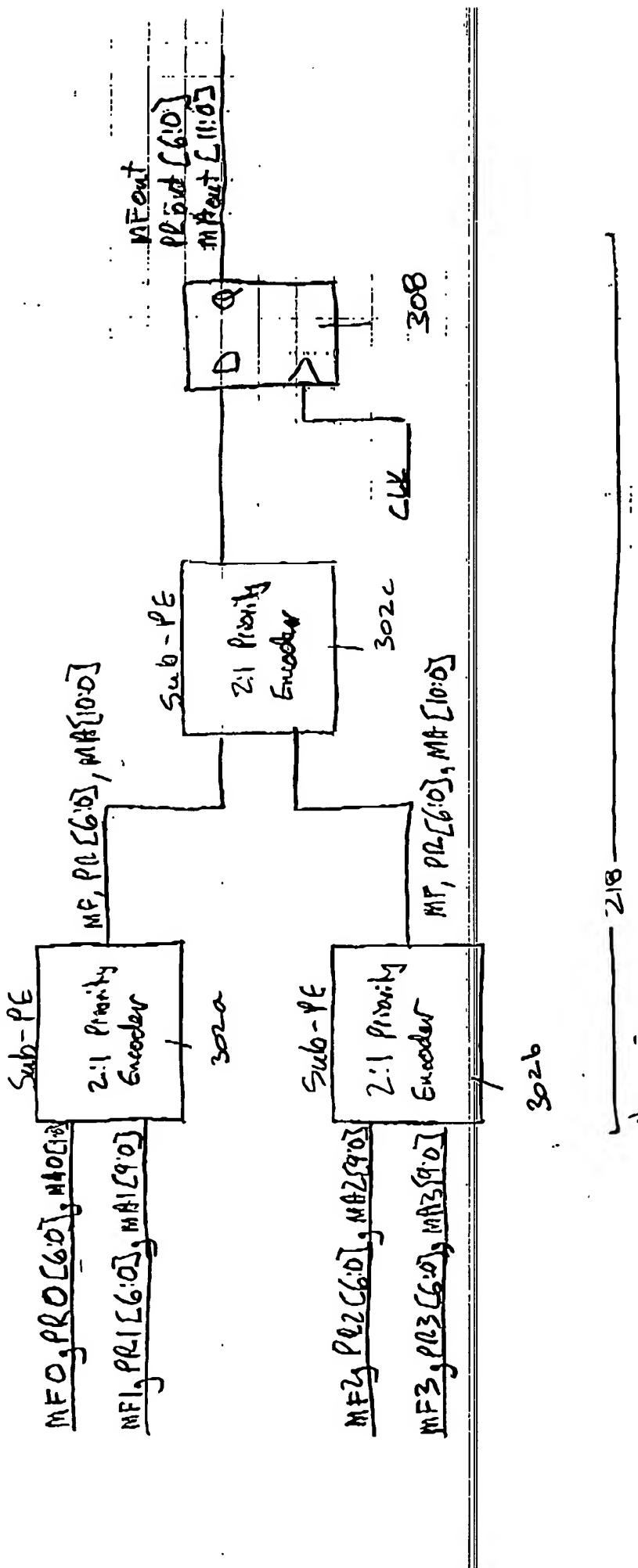


Figure 3

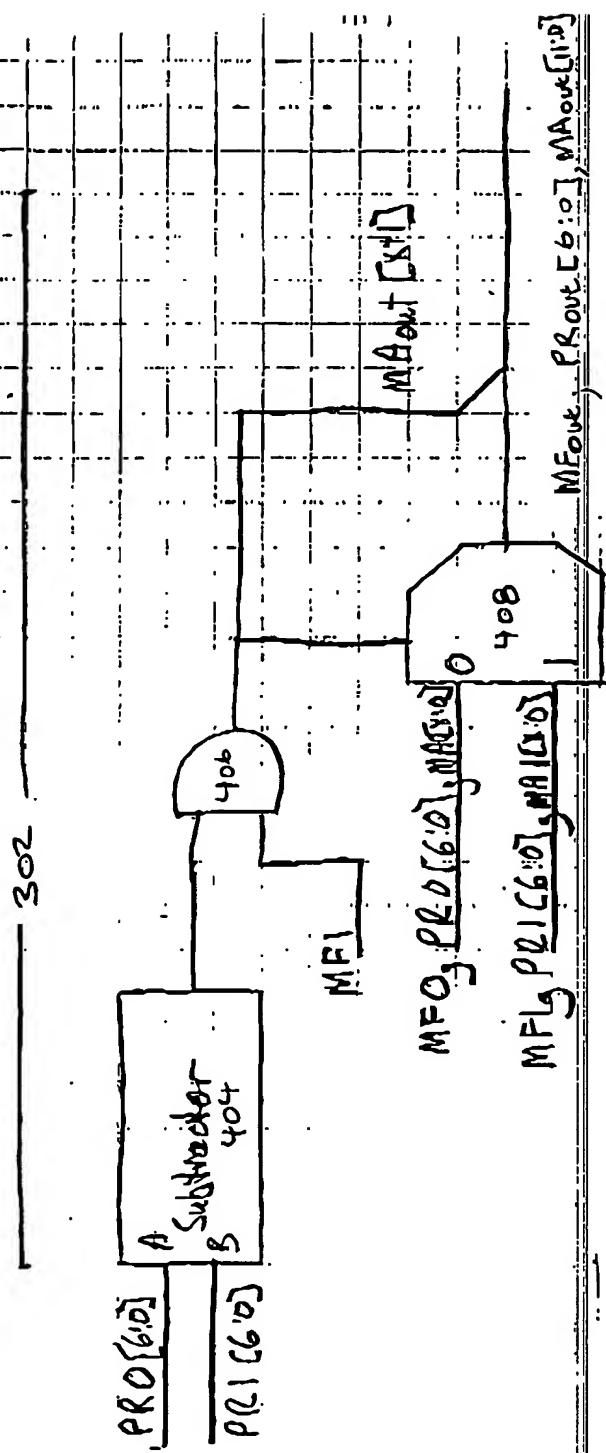


Figure 4(a)

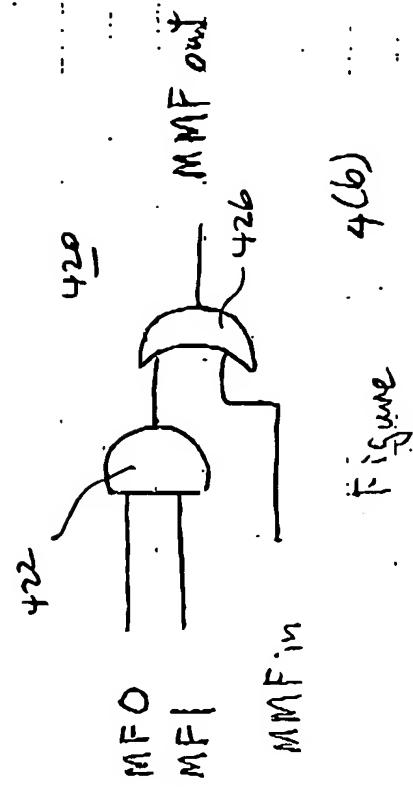
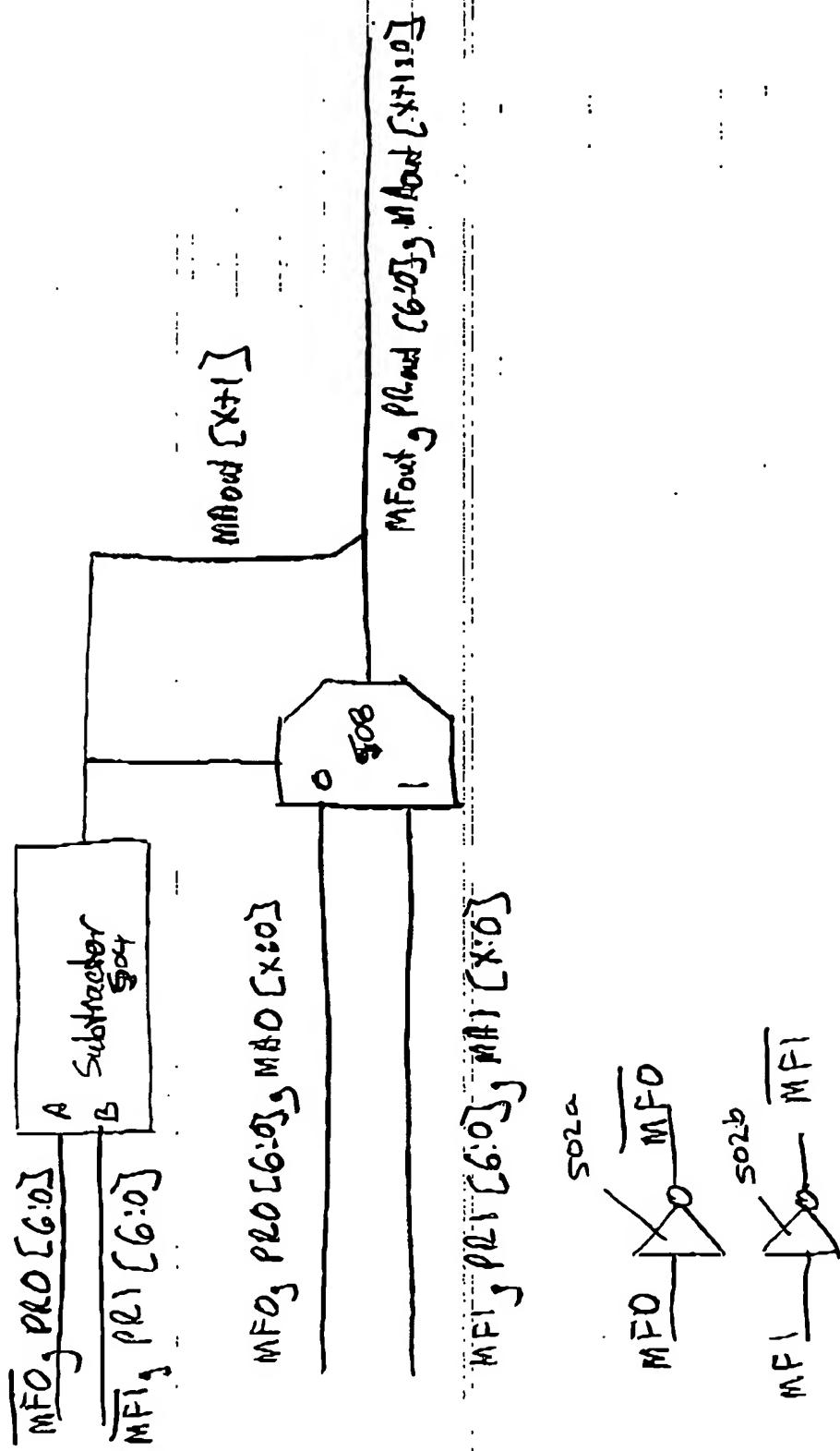


Figure 4(b)



2

३

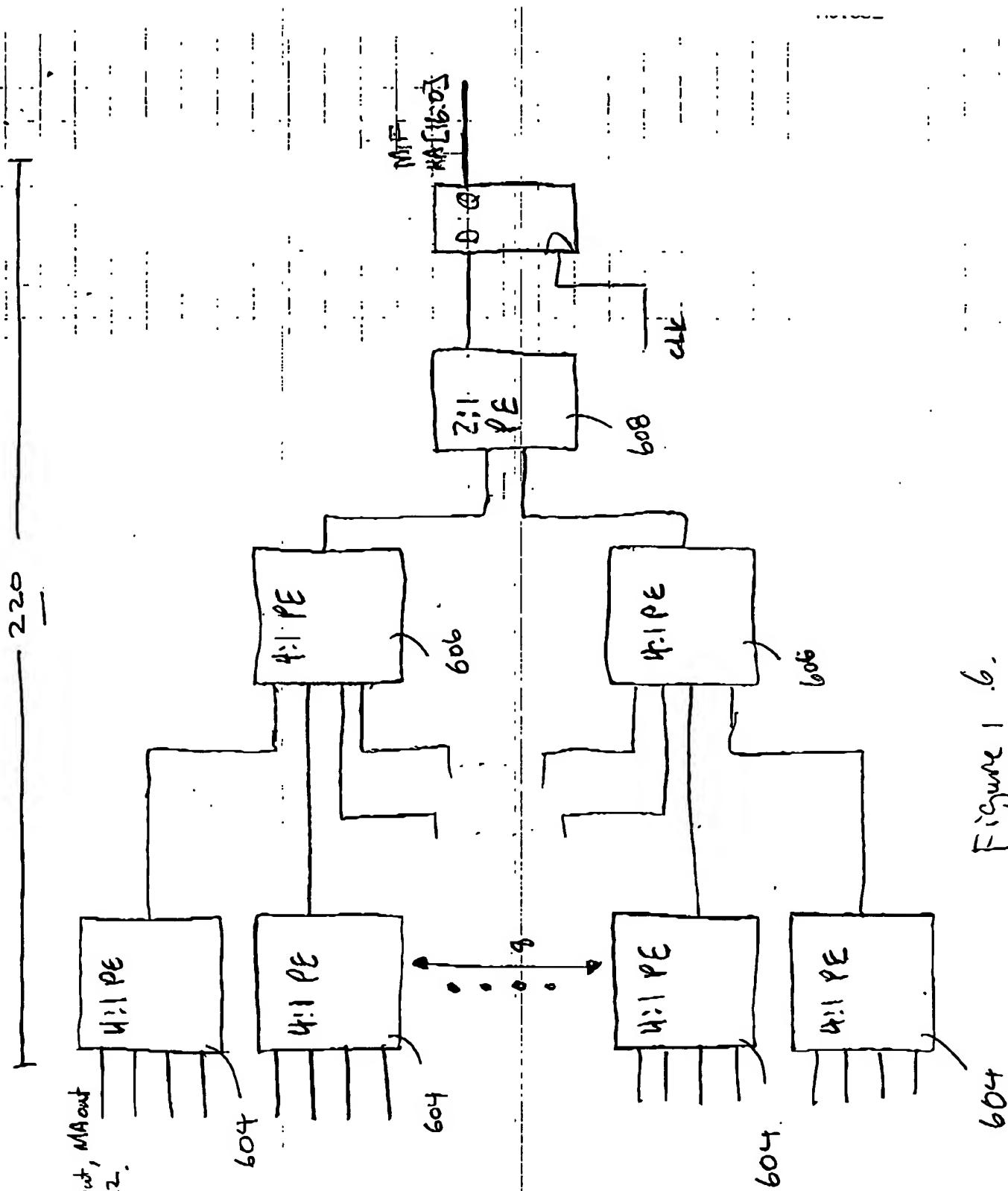


Figure 1-6.

Physical Address	PE	206	Priority registered value	PE	Priority value
7,023	PE Block 4	4	1,06	PE Block 4	4
1,044	PE Block 1	1	1,06	PE Block 1	2
2,041	PE Block 2	2	1,06	PE Block 2	3
3,048	PE Block 3	3	1,06	PE Block 3	4
4,071				PE Block 4	1
3,092					
4,095					
4,096					
5,119	PE Block 4	4 (Not used)	5,119	PE Block 4	1

(a) (b)

Fig. 7

Physical address	Priority of Data Arrays	Priority of Corresponding PE clocks	Data Arrays	Priority of Corresponding PE blocks
1.014	Exact Match Entries	0	Exact Match Entries	0
1.012	Next Best Match Entries	1	Next Best Match Entries	1
1.011	Next Best Match Entries	2	Next Best Match Entries	2
1.010	Next Best Match Entries	3	Next Best Match Entries	3
1.009	Not so Good Match Entries	4	Not so Good Match Entries	4
1.008	Free Space	5	Exact Match Entries	5

(a)

not

(b)

Fig: 8

Physical address	Data Arrays	Priority of corresponding PE blocks	Data Arrays of PE blocks	Priority of corresponding PE blocks
1,023	Exact Match Entries	0	Exact Match Entries	0
1,024	Next Best Match Entries	1	Next Best Match Entries	1
2,047	Next Best Match Entries	2	Next Best Match Entries	2
2,048	Not so Good Match Entries	3	Not so Good Match Entries	3
3,071	Not so Good Match Entries	4	Not so Good Match Entries	4
3,072	Free Space	5	Exact Match Entries	5
4,955	Not used	6	Exact Match Entries	6
4,956	Free Space	7	Exact Match Entries	7
5,119	Free Space	8	Exact Match Entries	8

(a)

(b)

Fig. 9

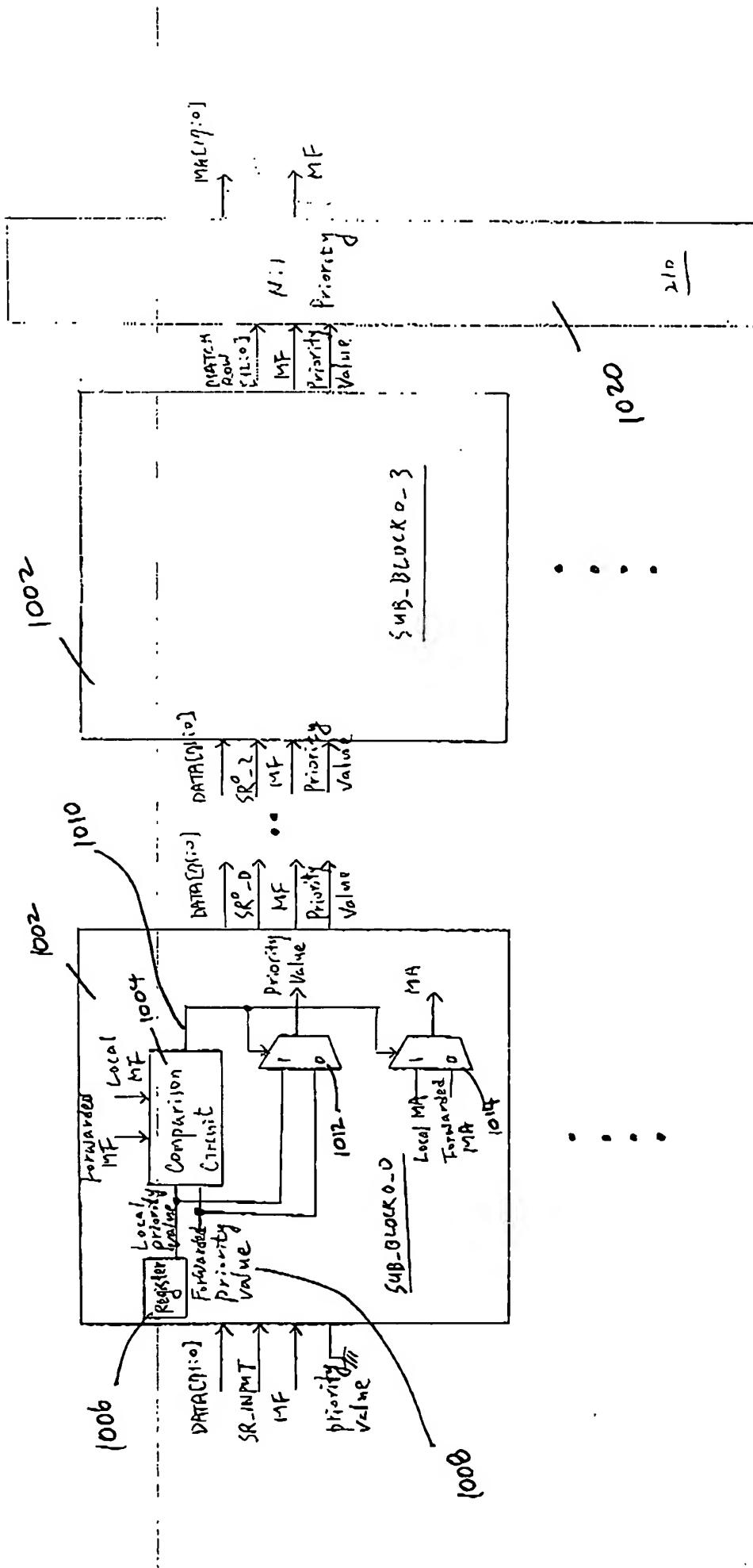


Fig. 10